



FEMA



Prepared by:
Michael Brown

FEMA Region 6 Weather Threat Briefing

Monday, June 18, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Isolated heavy rain/flash flooding possible along **TX Coast**.

Tuesday

- Areas of heavy rain/flash flooding remain possible from **STX** through the **Central TX Coast**.
- A few strong to severe storms possible across the **OK/TX Panhandle**. Large hail, damaging winds, and isolated spots of heavy rain / flash flooding possible.

Wednesday

- Areas of heavy rain/flash flooding remain possible from **STX** through the **Central TX Coast**.
- A few strong to severe storms possible across the **Central OK** into **North Central Texas**. Large hail, damaging winds, and isolated spots of heavy rain / flash flooding possible.

Thursday - Friday

- Areas of heavy rain/flash flooding remain possible from **STX** through the **Central TX Coast**.

Tropical Outlook

- Organized showers and thunderstorms over the northwestern **Gulf of Mexico** are associated with an upper-level low pressure system interacting with a surface trough located near the **Texas coast**. Development of this system is not anticipated before it moves inland over **Texas** later today and tonight. However, heavy rainfall and flash flooding across portions of southern and southeastern **Texas** are likely to continue during the next few days.
- Formation chance through 48 hours...low...**10%**.
- Formation chance through 5 days...low...**10%**.

FEMA Region 6 Threat Matrix

June 18 2018 – June 22, 2018



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DAY /THREAT	MON	TUE	WED	THU	FRI
Severe Storms		TX/OK Panhandles	Central OK, North Central Texas, ETX Panhandle		
Heavy Rain / Flash Flooding	TX Coast	STX, Central TX Coast	STX, Central TX Coast	STX, Central TX Coast	STX, Central TX Coast
		TX/OK Panhandles	Central OK/ N Central TX		
Fire Weather					
Tropical Weather					
River Flooding	Coastal TX	STX Coast	STX	STX	STX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

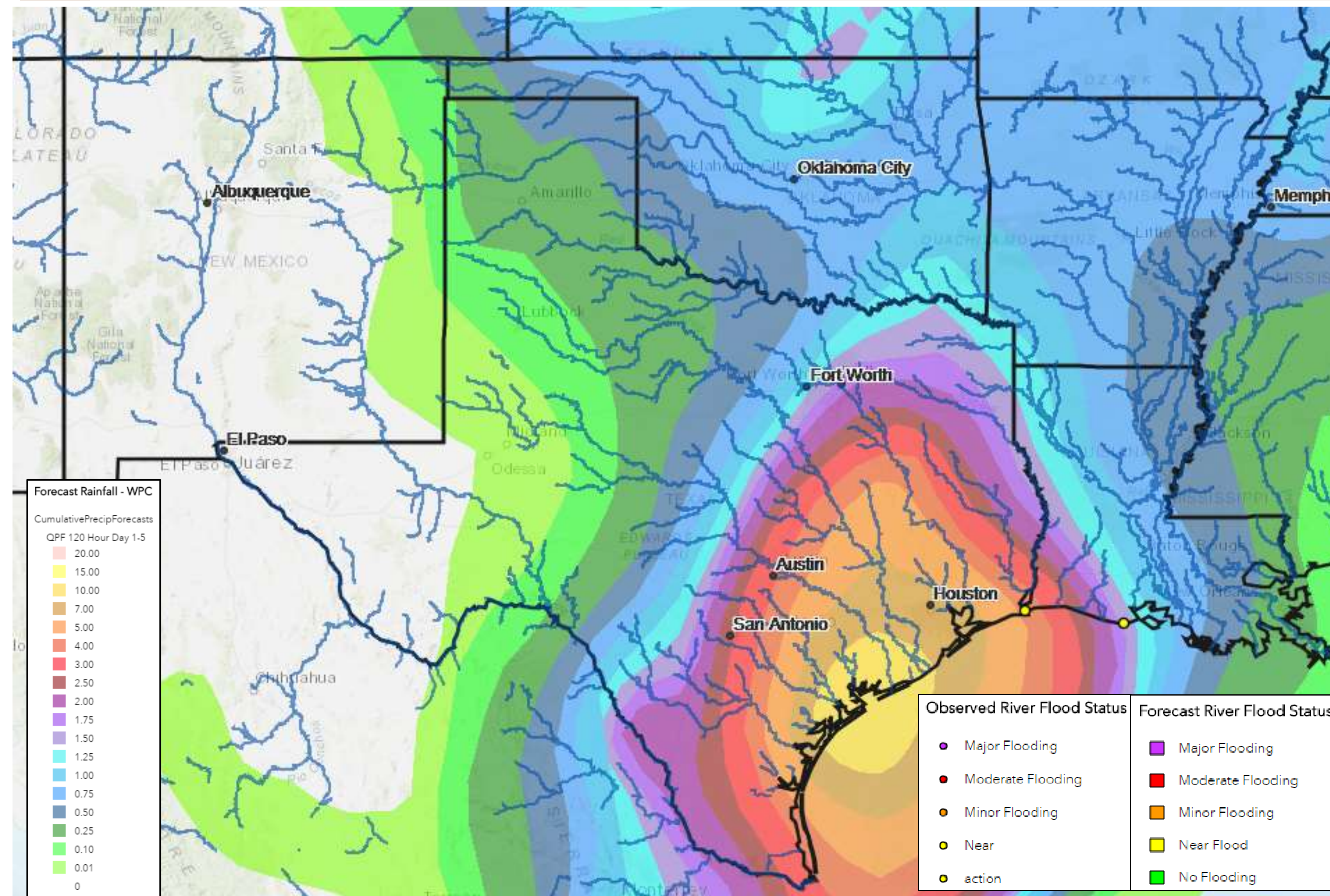
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

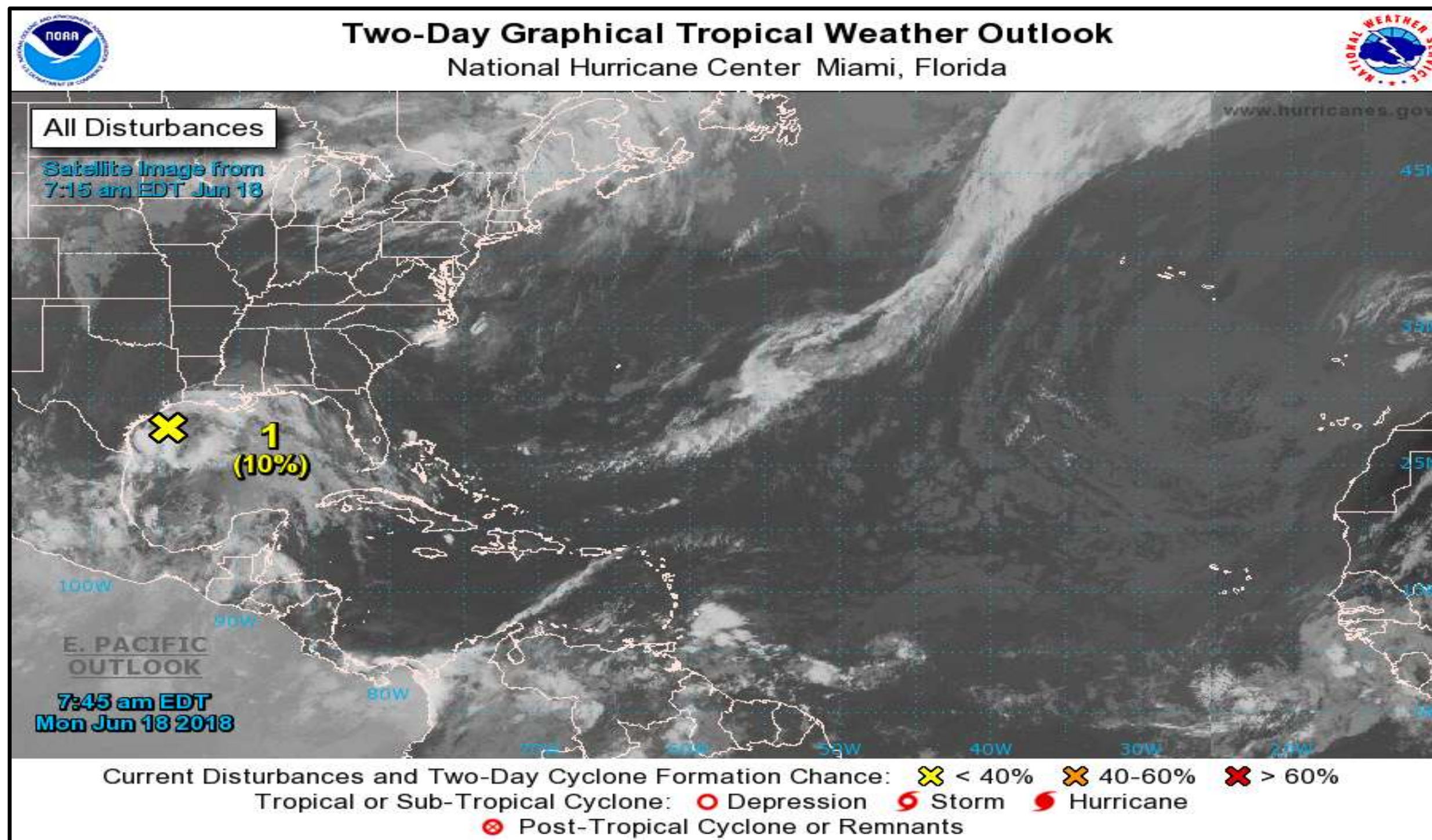


With rainfall expected along the Texas coast today through at least mid-week and over STX through the end of the week, a few river points may rise into minor flood stage where heavy rain occurs.

Tropical Weather Outlook – Atlantic/Gulf

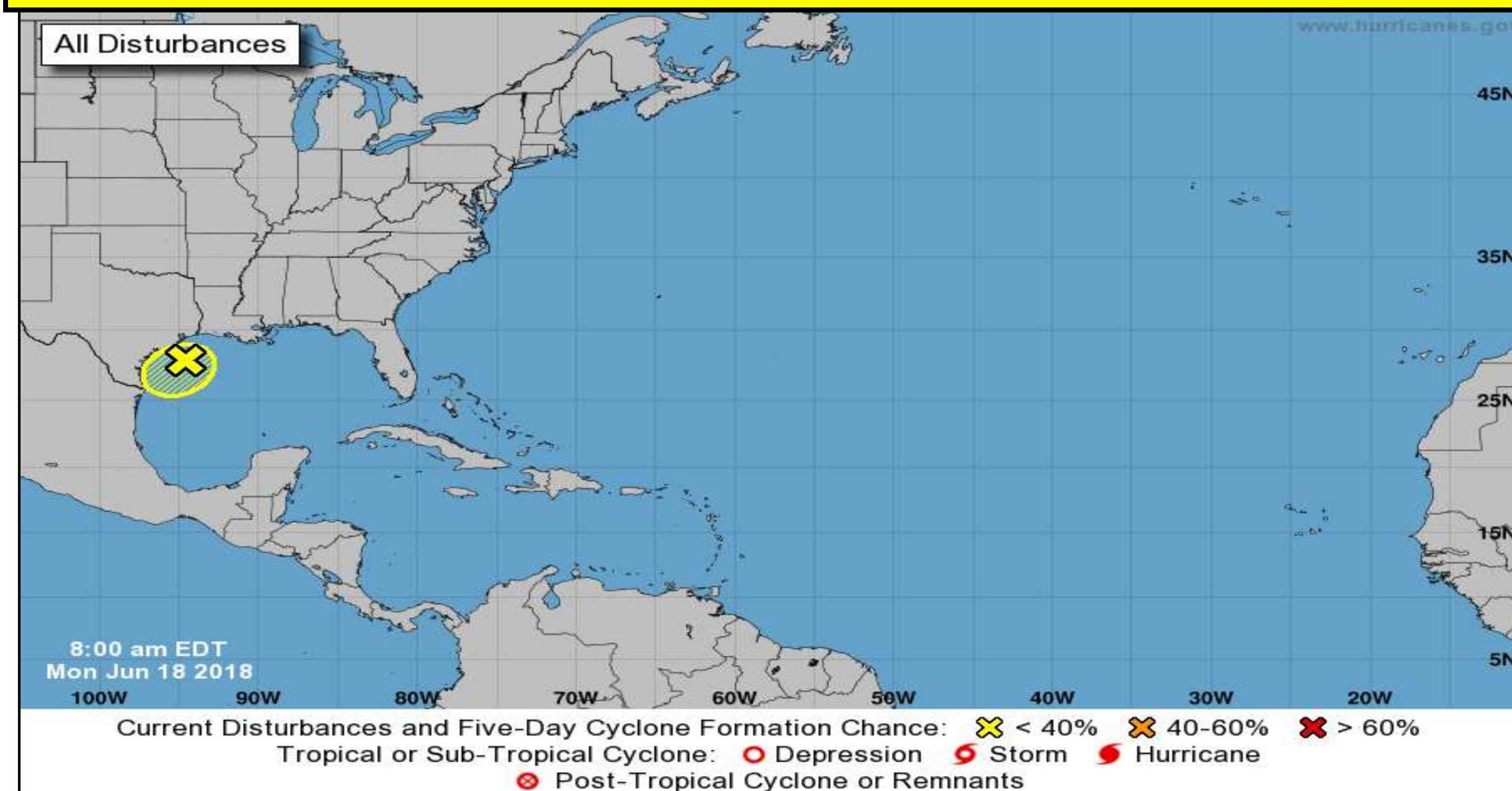


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Disorganized showers and thunderstorms over the northwest Gulf of Mexico are associated with an upper-level low pressure system interacting with a surface trough located near the Texas coast. Development of this system is not anticipated before it moves inland over Texas later today and tonight. However, heavy rainfall and flash flooding across portions of southern and southeastern Texas are likely to continue during the next few days. Formation chance through 48 hours...low...10%. Formation chance through 5 days...low...10%.

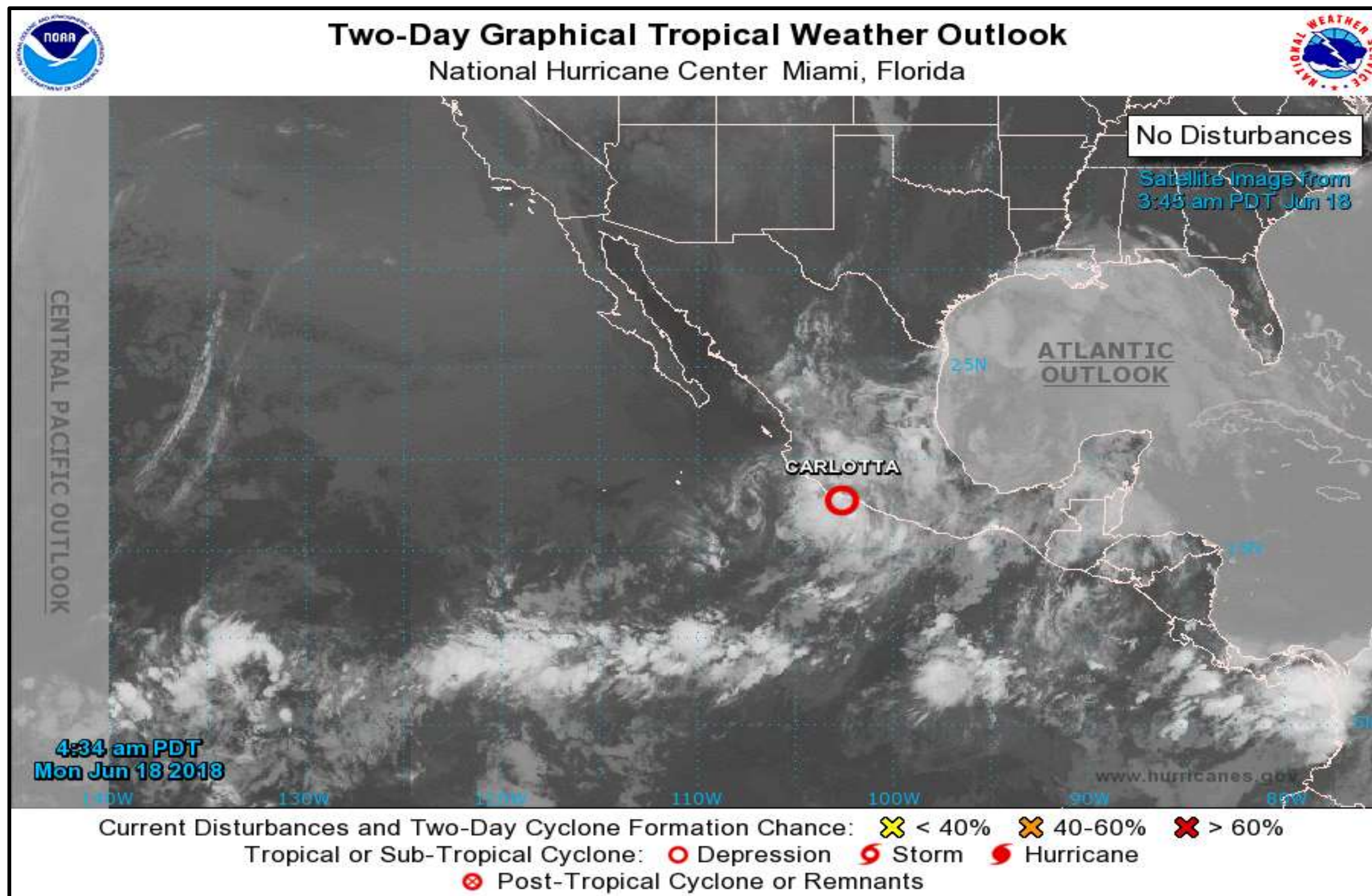
This system is expected to bring heavy rain to the Texas Coast and SW LA today through Tuesday.



Tropical Weather Outlook – Eastern Pacific



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Tropical Storm Carlotta is expected to slowly move inland today and weaken.

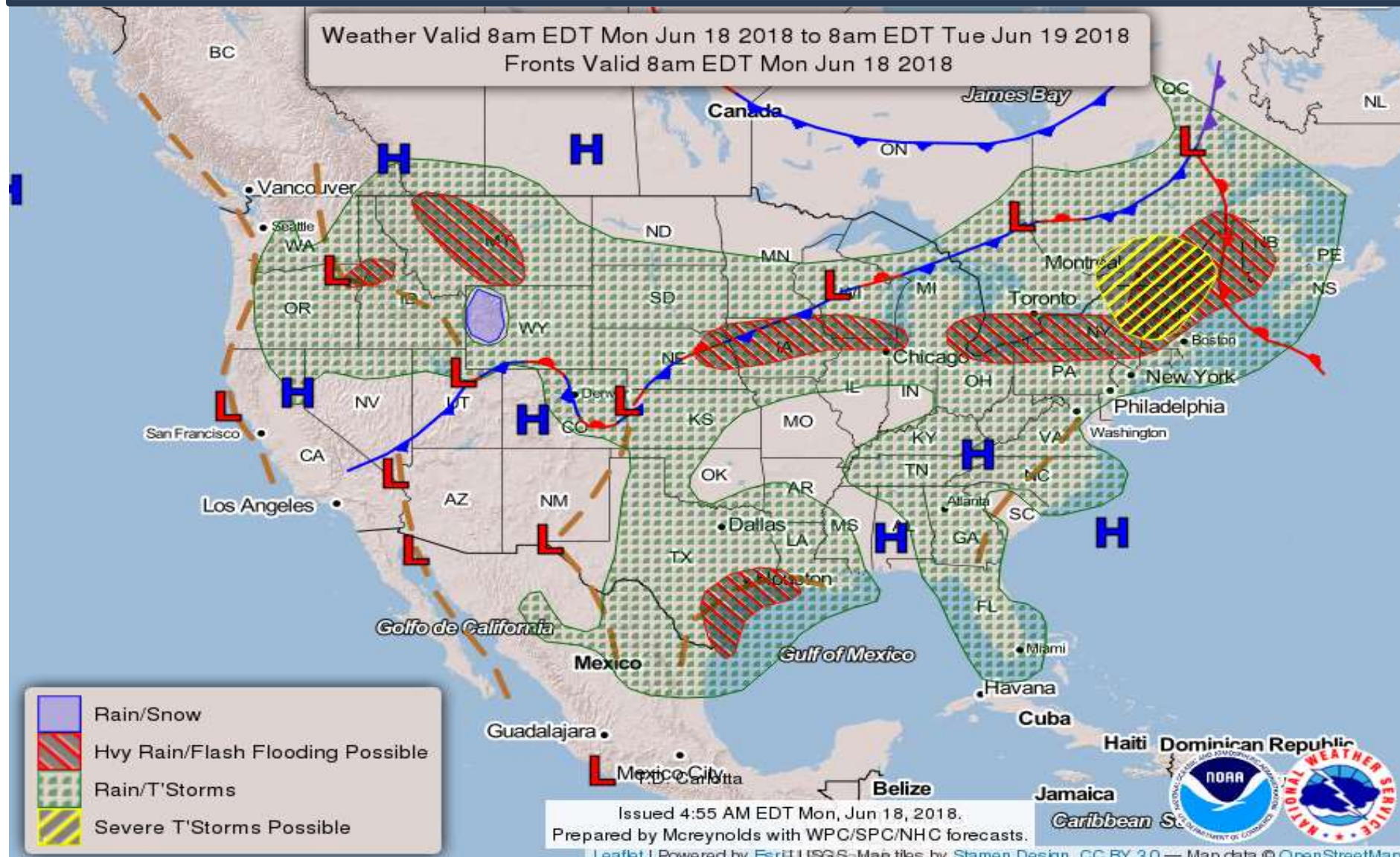


Today's Weather



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Forecast Chart

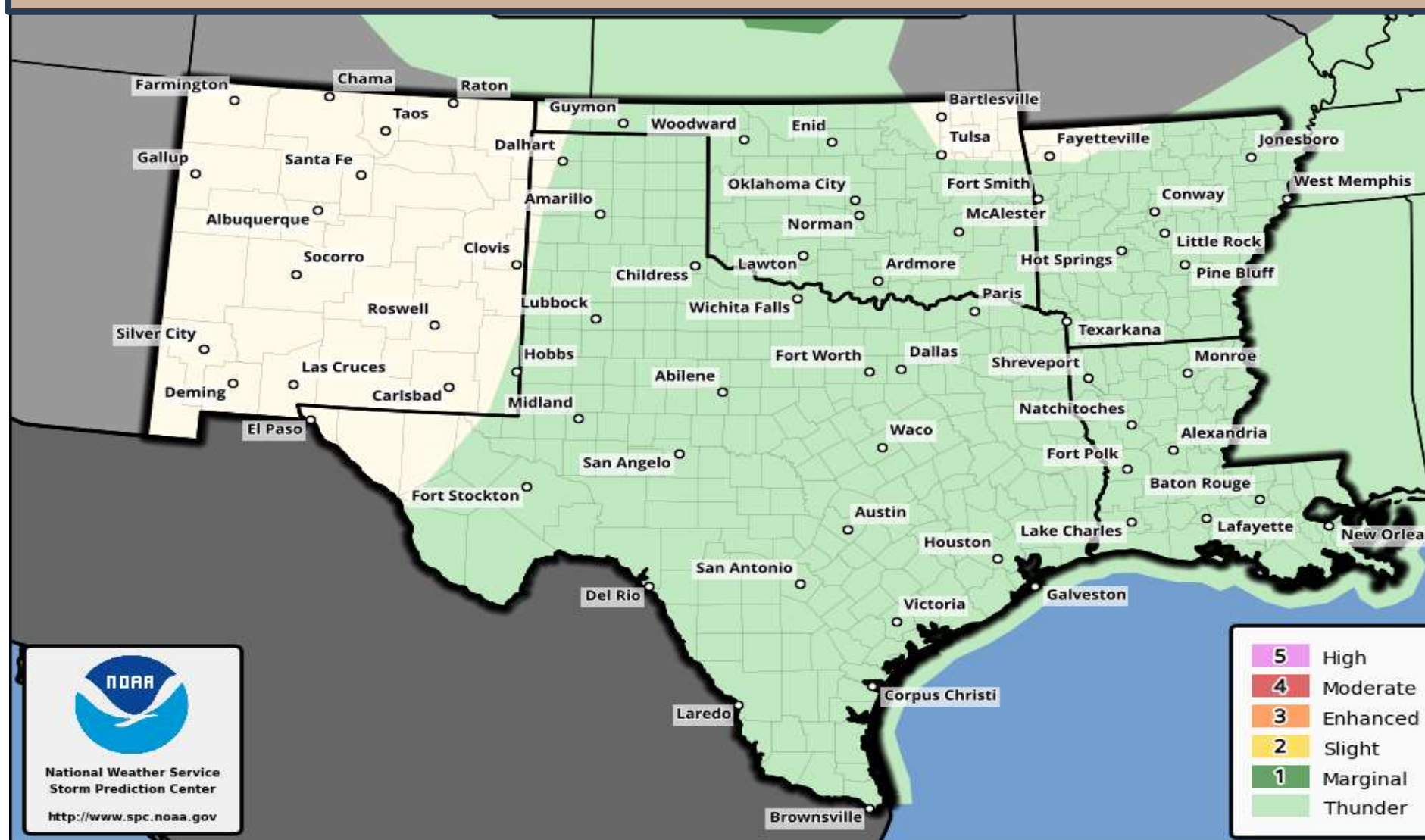


Forecast Rainfall

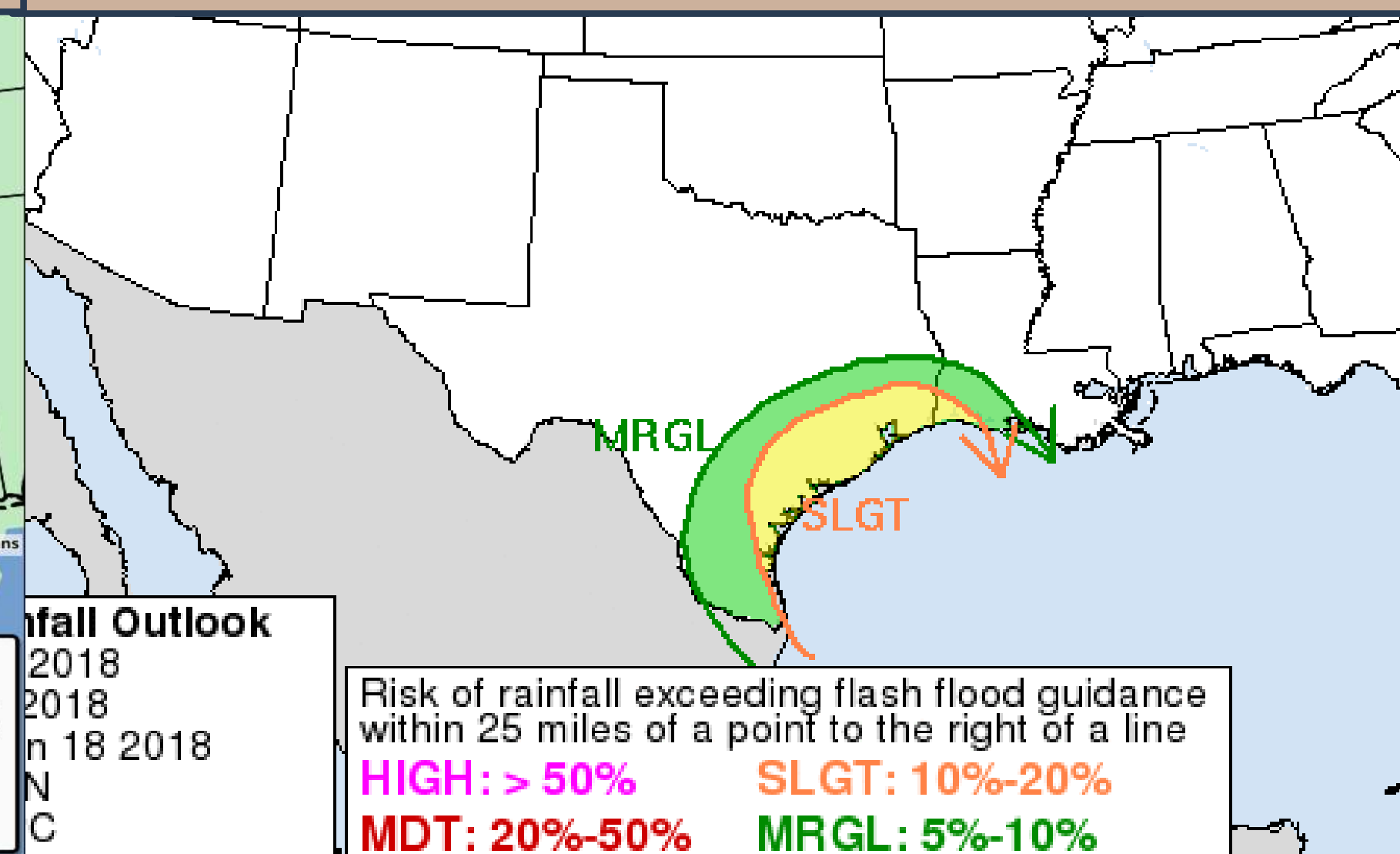


**Isolated heavy rain/flash
flooding possible along the TX
Coast.**

Severe Weather Outlook



Excessive Rainfall Outlook

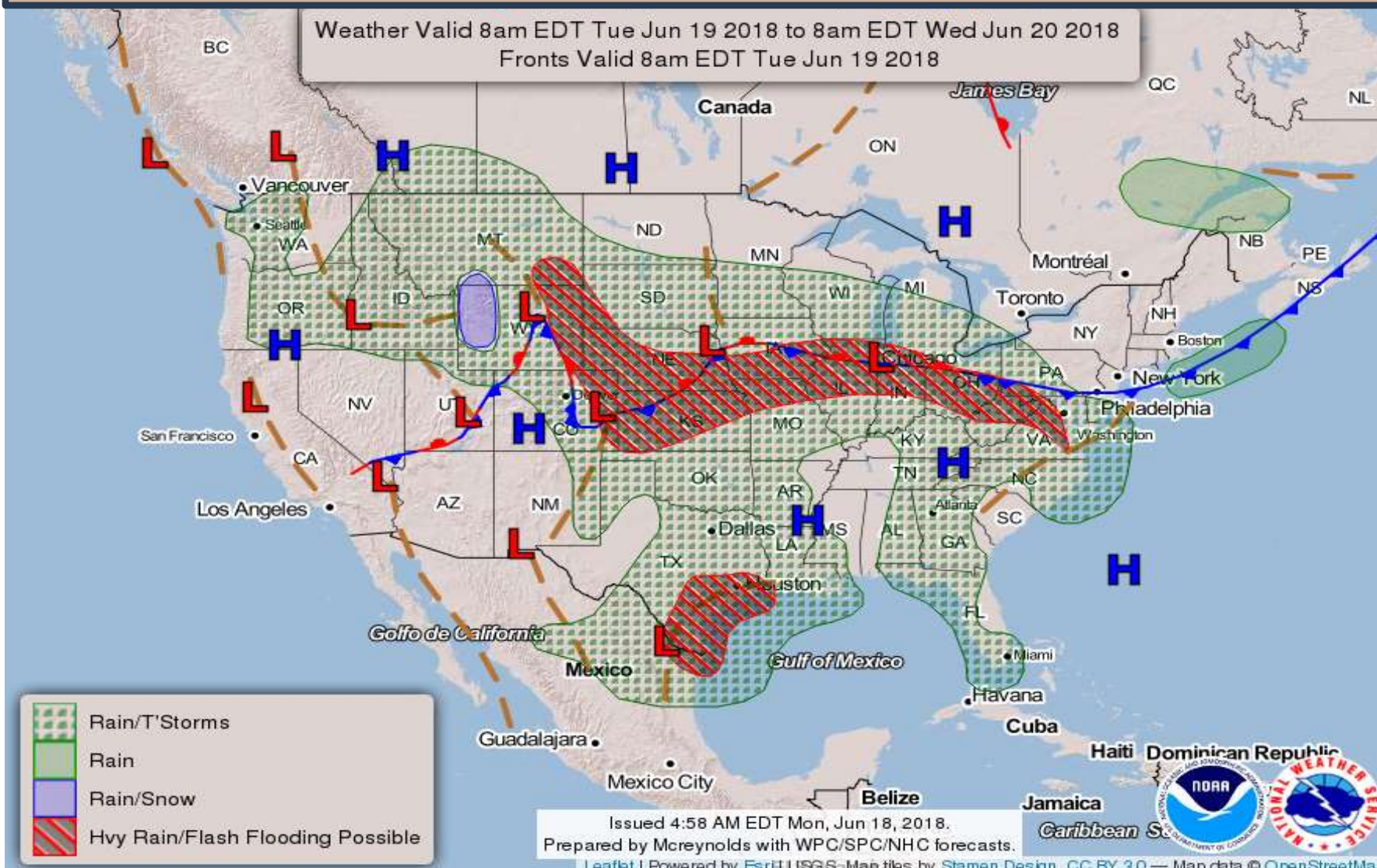


Tomorrow's Weather

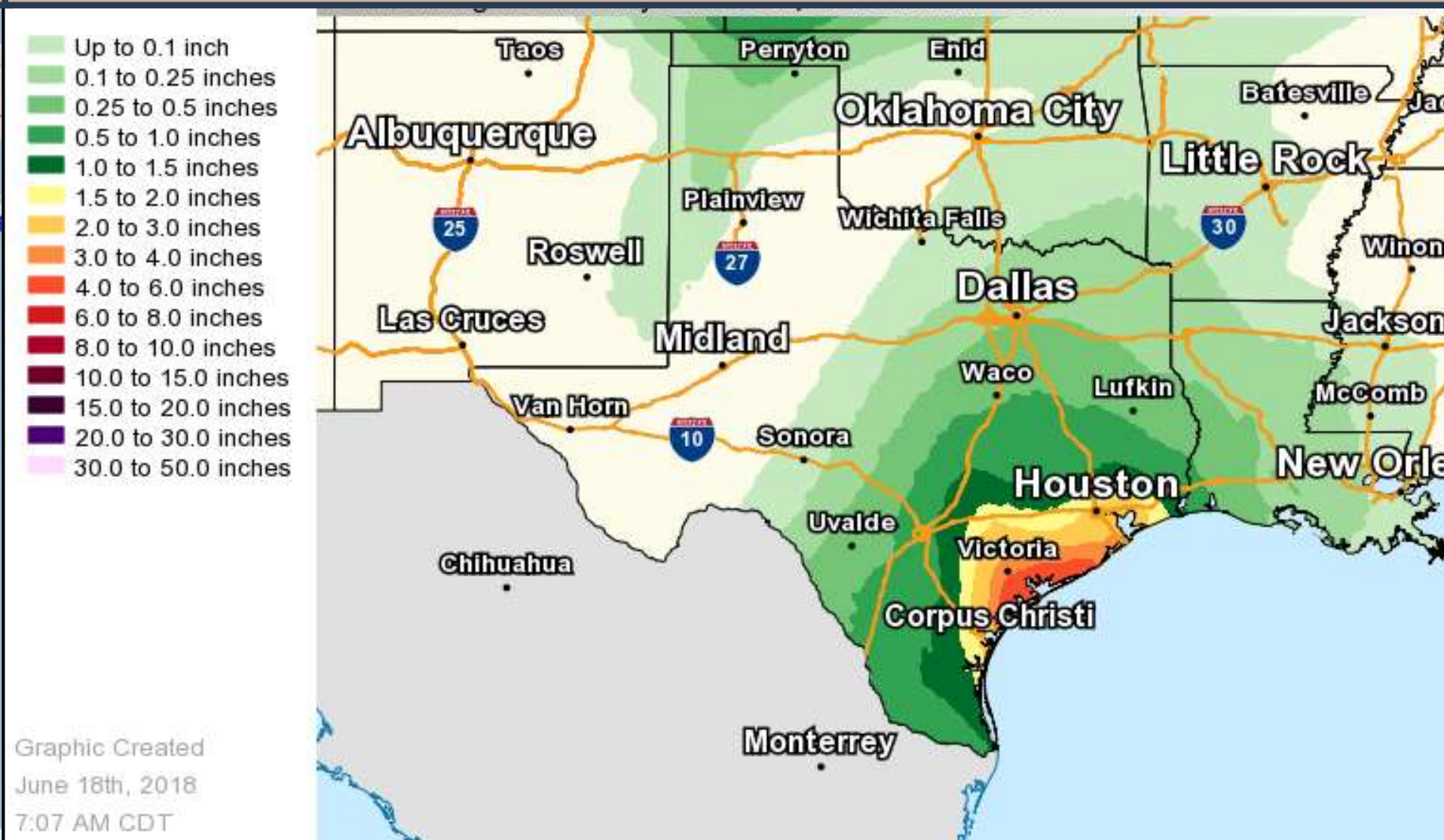


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Forecast Chart



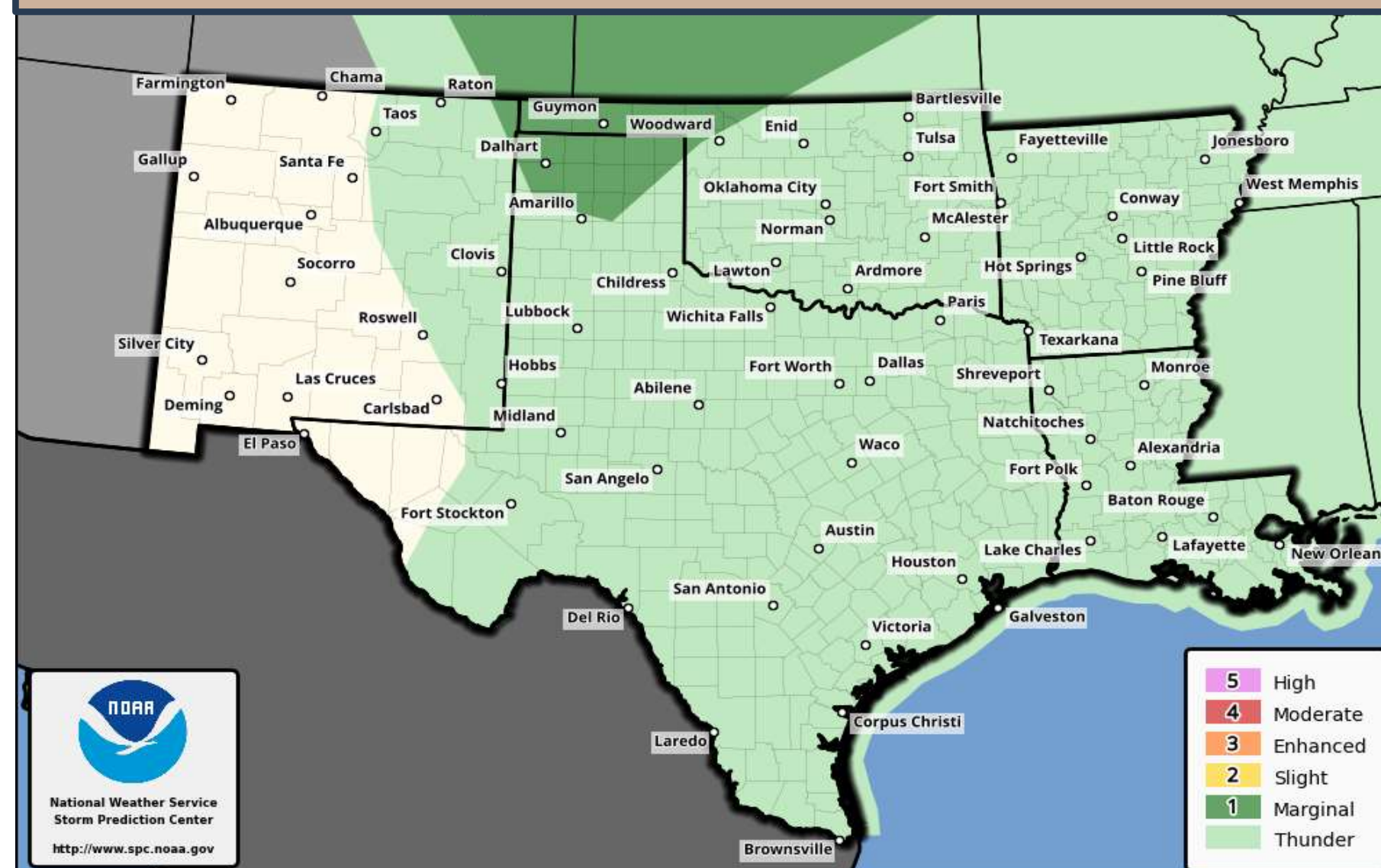
Forecast Rainfall



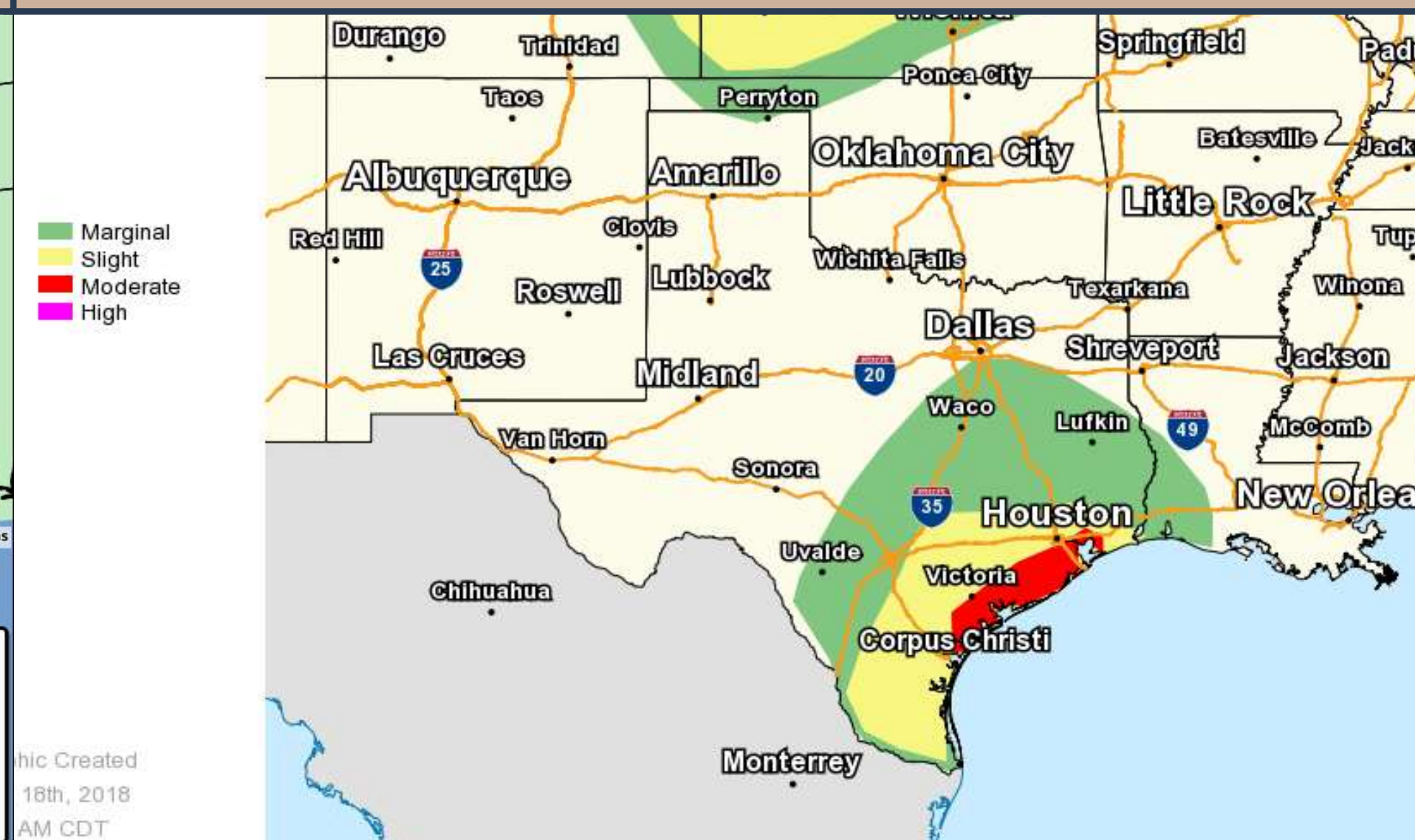
Isolated heavy rain/flash flooding remains possible over STX through the Central TX Coast.

A few strong to severe storms possible across the OK/TX Panhandle. Large hail, damaging winds, and isolated spots of heavy rain / flash flooding possible.

Severe Weather Outlook



Excessive Rainfall Outlook

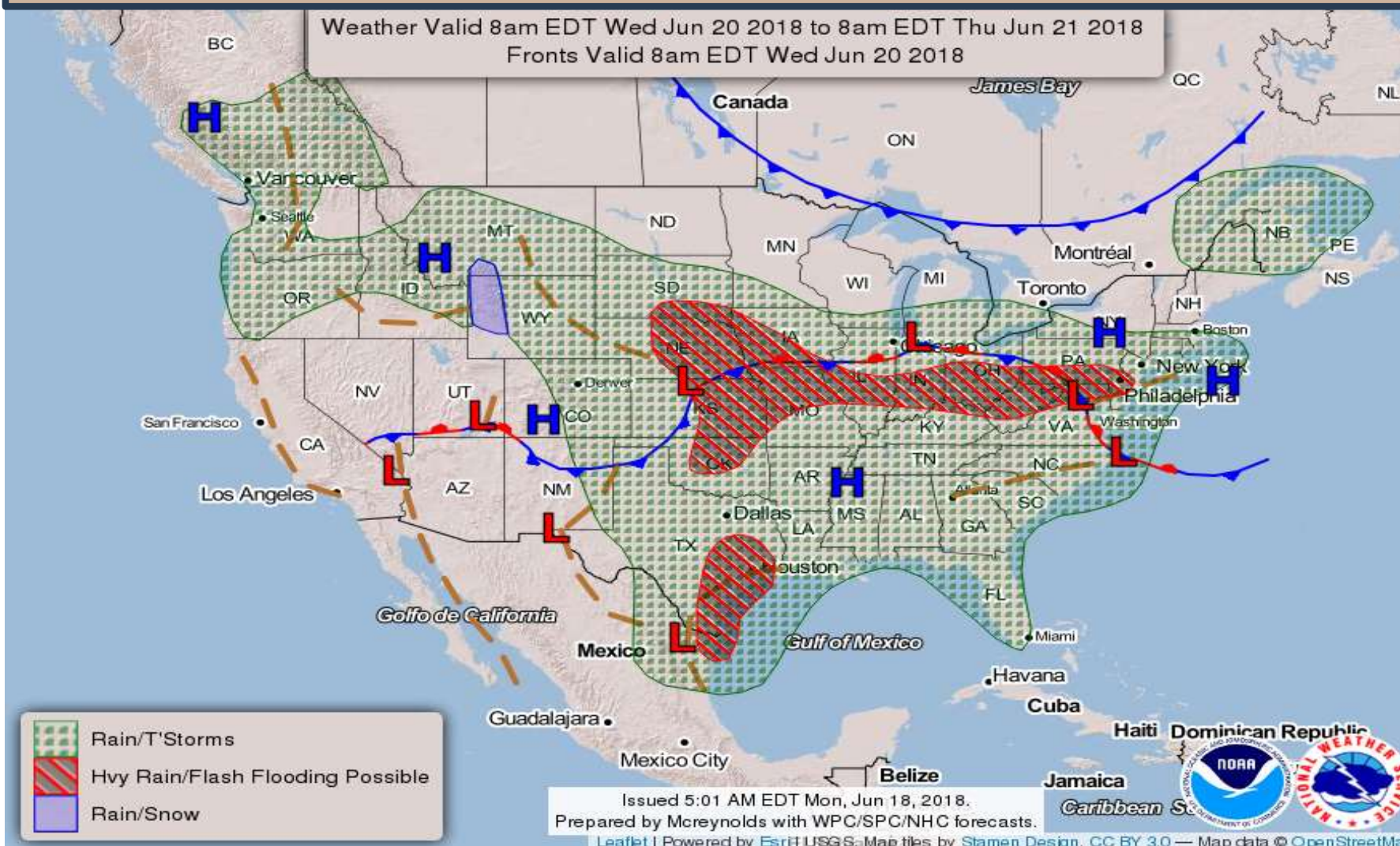


Wednesday's Weather



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Forecast Chart



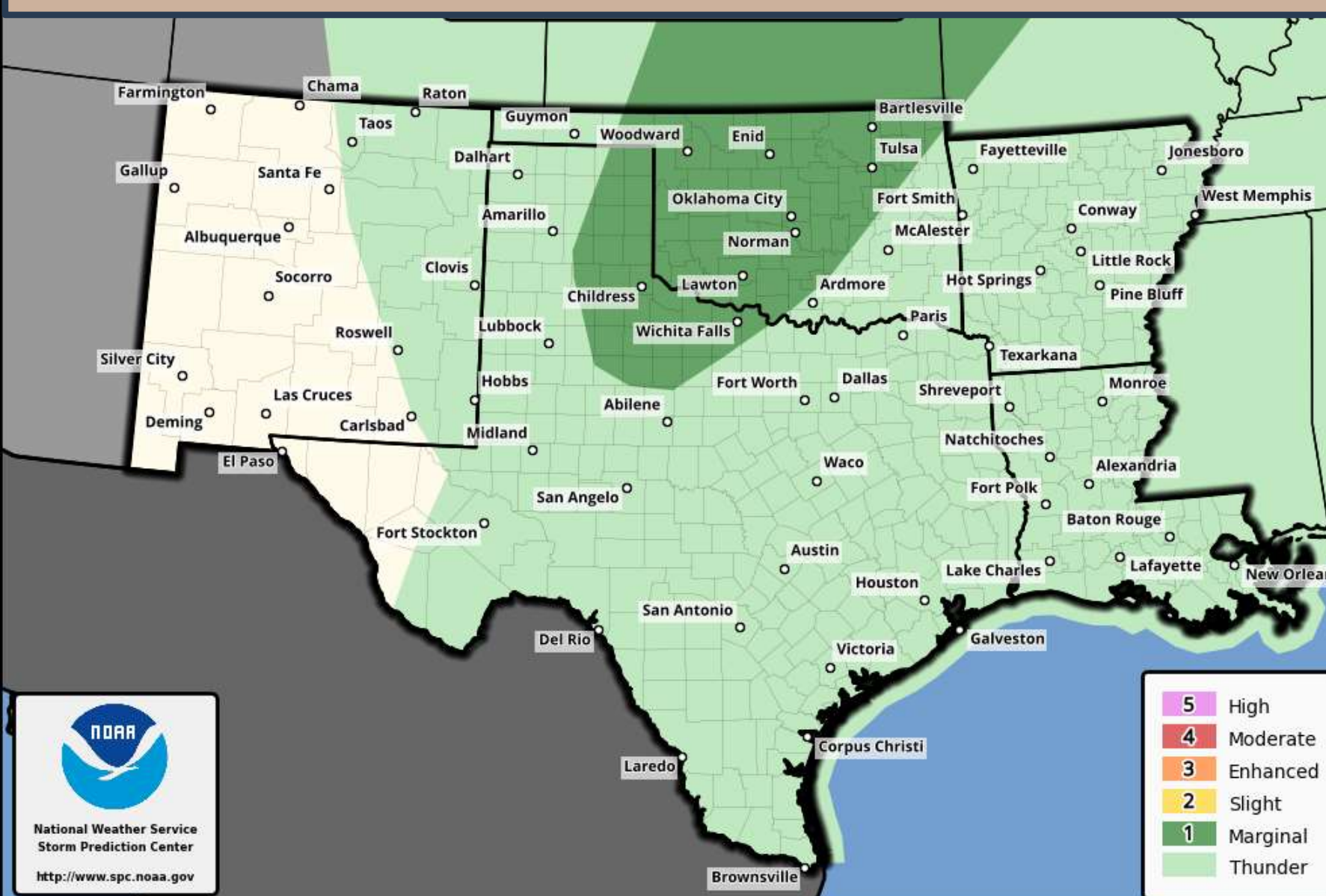
Forecast Rainfall



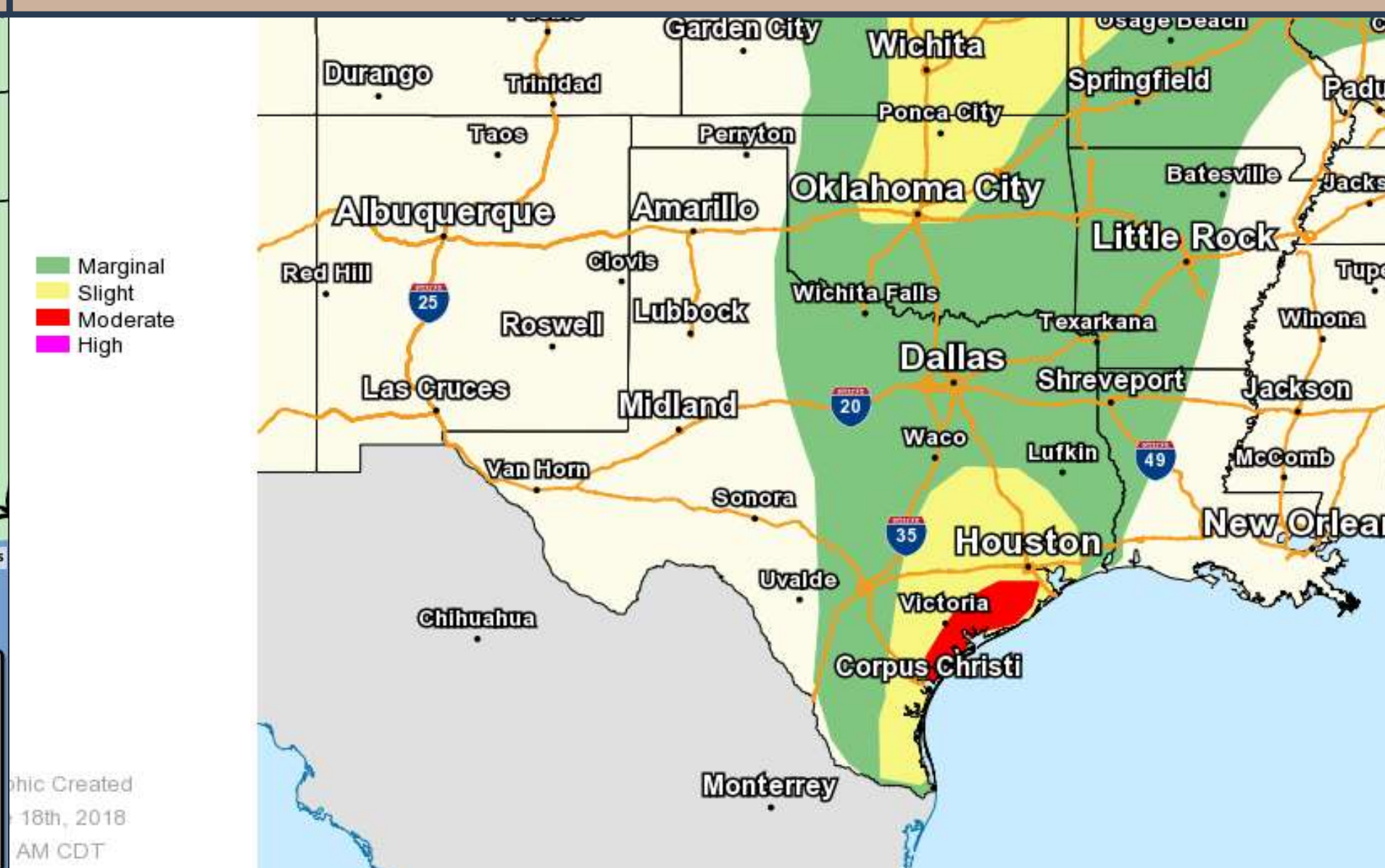
Isolated heavy rain/flash flooding remains possible over STX through the Central TX Coast.

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Severe Weather Outlook



Excessive Rainfall Outlook

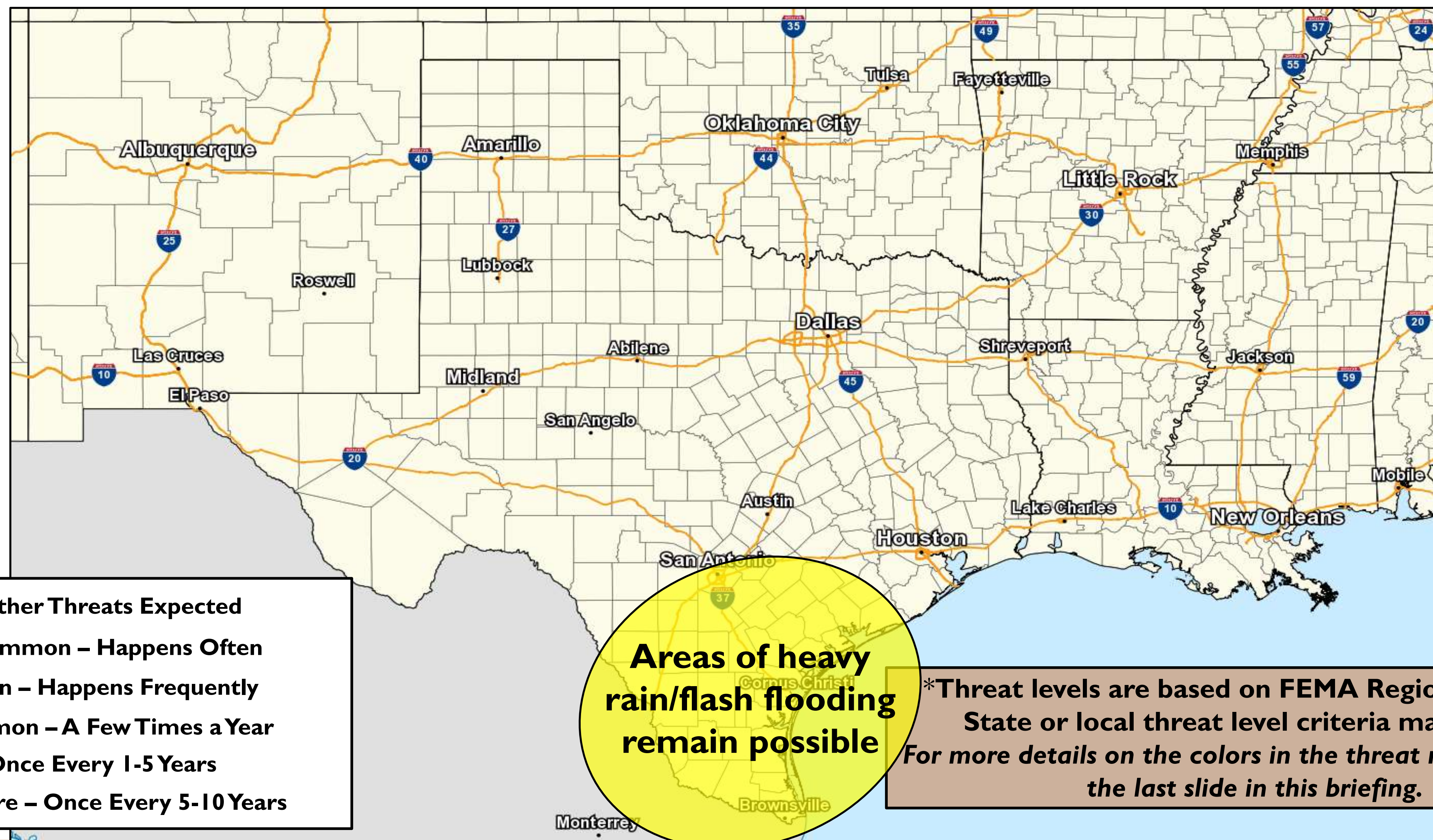


Days 4-5 Weather Hazards

Thursday - Friday



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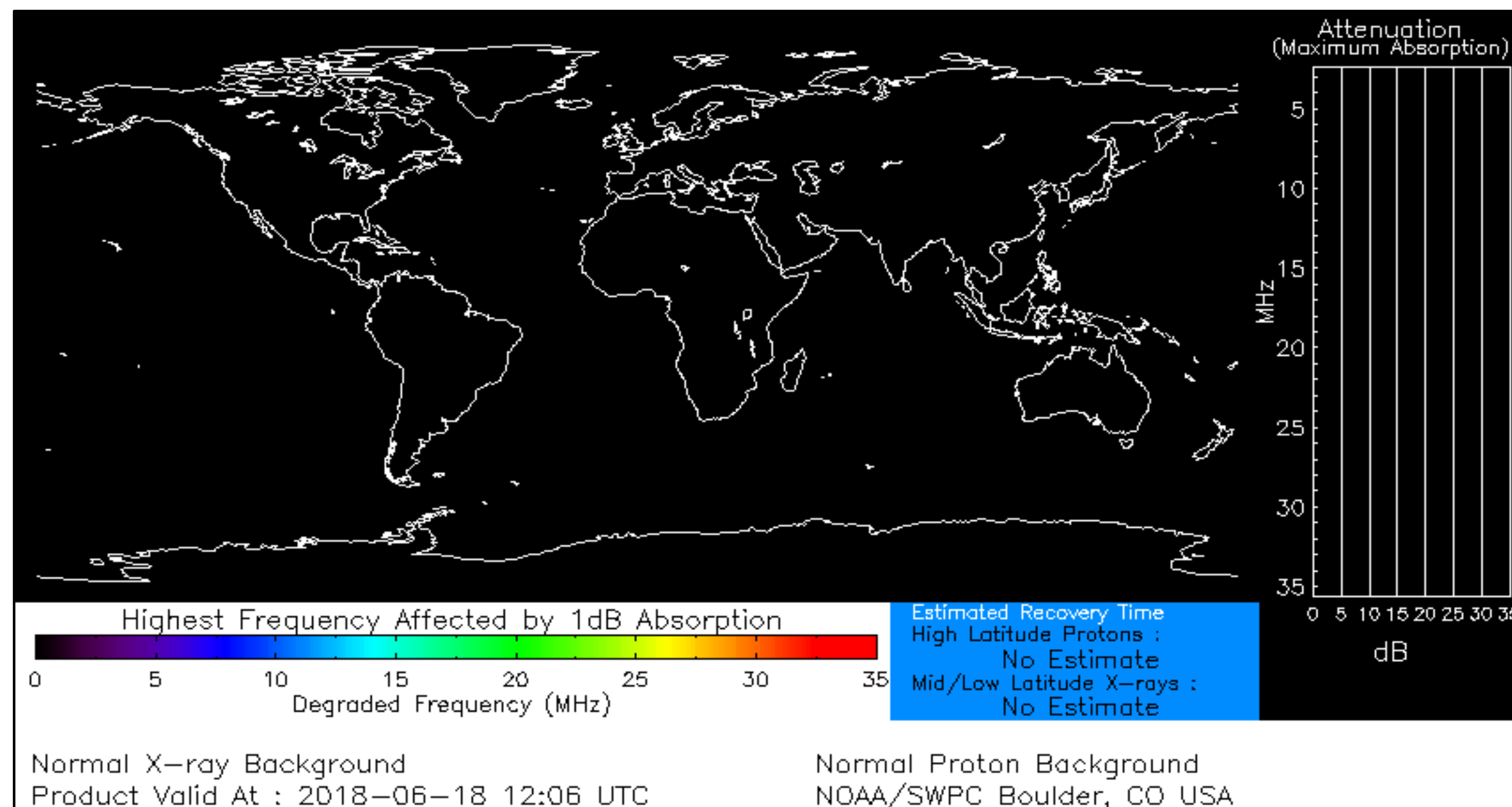


Space Weather 3-Day Forecast



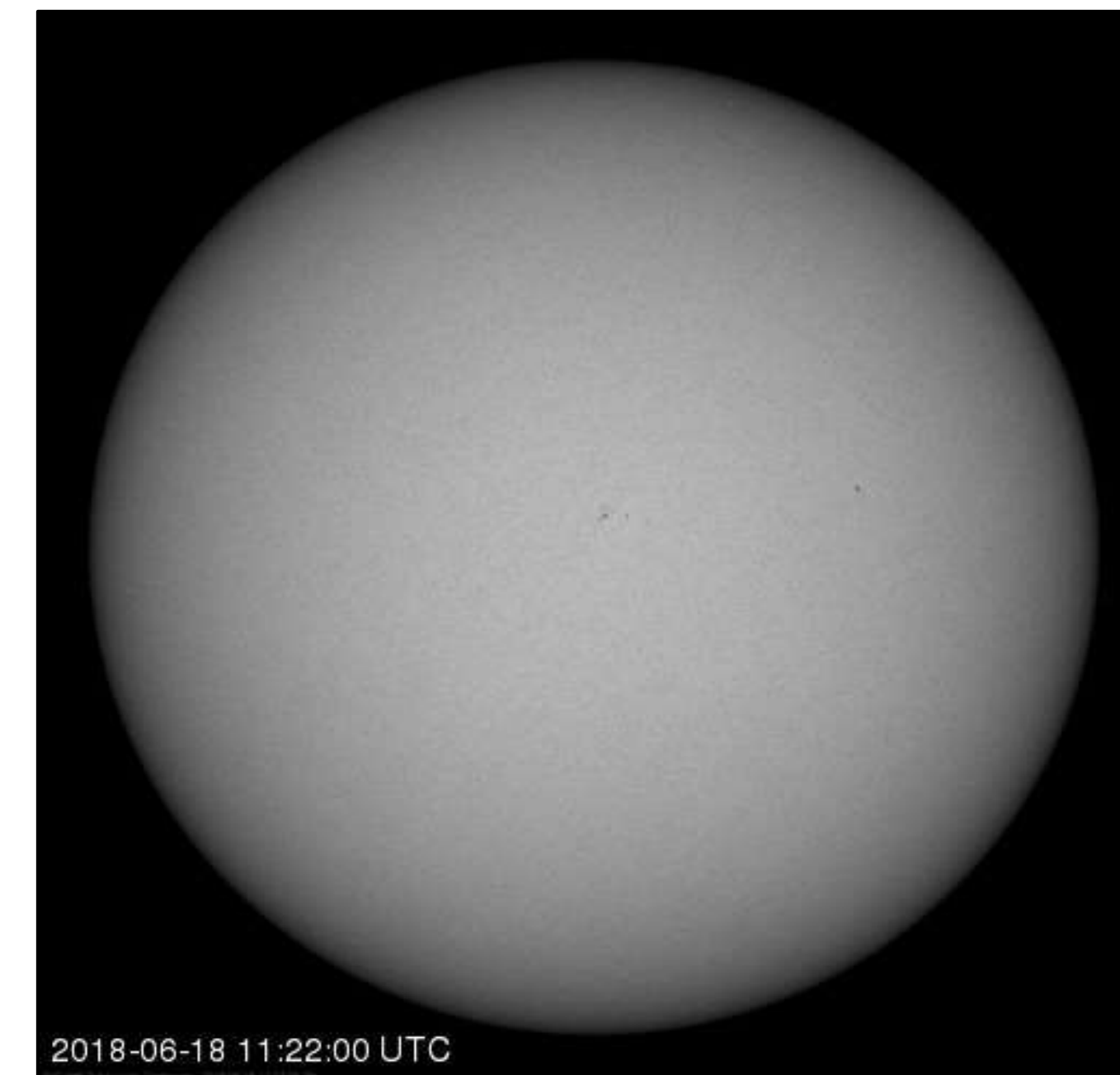
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

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Fort Worth, TX

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Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov